

Reg. No.

**MANIPAL UNIVERSITY**

**FIRST MBBS DEGREE EXAMINATION – JUNE 2010**

**SUBJECT: ANATOMY: PAPER – I (ESSAY)**

Tuesday, June 01, 2010

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 40

✂ All questions are compulsory. Write brief, clear, relevant and legible answers.

✂ Illustrate your answers with diagrams and flow charts wherever appropriate.

1. Describe the layers of scalp. Give its blood supply, nerve supply and applied aspects.

(3+2+2+1 = 8 marks)

2. Classify white matter of cerebrum. Describe parts, relations and distribution of fibres of corpus callosum.

(2+2+2+2 = 8 marks)

3. **Write Short Notes on:**

3A. Radial nerve in the radial groove.

3B. Nerve supply of the tongue.

3C. Barr Body.

3D. Tympanic membrane.

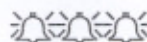
3E. Corpus luteum.

3F. Erb's point.

3G. Falx cerebri.

3H. Deltoid muscle.

(3×8 = 24 marks)



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Time: 10:20 – 13:00 Hours

Maximum Marks: 40

✍ **All questions are compulsory. Write brief, clear, relevant and legible answers.**

✍ **Illustrate your answers with diagrams and flow charts wherever appropriate.**

1. Describe the diaphragm under-attachments, nerve supply, major and minor openings.

(3+1+4 = 8 marks)

2. Describe the arterial supply and venous drainage of the heart.

(4+4 = 8 marks)

3. **Write short notes on:**

3A. Structure of typical synovial joint.

3B. Blood supply of suprarenal glands.

3C. Medial longitudinal arch of foot.

3D. Microscopic structure of gall bladder.

3E. Portahepatis.

3F. Meckel's diverticulum.

3G. Femoral canal.

3H. Gluteus maximus.

(3×8 = 24 marks)

